

COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: QCPA701

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

Original
 Continuation

Supplemental

Continuation-In-Part
 National Stage of PCT

Divisional

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **MOBILE COMMUNICATION SYSTEM WITH POSITION DETECTION TO FACILITATE HARD HANDOFF** the specification of which:

is attached hereto.

was filed on November 6, 1998 as Serial No. 09/187,939.

was amended on _____ (if applicable).

was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

		Priority Claimed		
(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes) <input type="checkbox"/>	(No) <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35 USC 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

(Serial No.) (Filing Date) (Status)

(Serial No.) (Filing Date) (Status)

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrrod, Reg. No. 30,880, Brian S. Edmonston Reg. No. 38,864, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Bruce W. Greenhaus, Reg. No. 37,339, Kent Baker Reg. No. 38,822, Tom Streeter Reg. No. 32,007, Linli L. Golden, Reg. No. 40,622, Thomas M. Thibault, Reg. No. 42,281, Kyong H. Macek, Reg. No. 42,977 and/or Sean English, Reg. 37,319. Please direct all telephone calls to Russell B. Miller at (619) 658-4833 and address all correspondence to: Russell B. Miller, QUALCOMM Incorporated, 6455 Lusk Boulevard, San Diego, California 92121-2779.

COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: QCPA701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Samir S. Soliman	Inventor Signature 	Date 11/30/98
Residence 11412 Cypress Canyon Park Drive, San Diego, California 92131	Citizenship USA	
Post Office Address 11412 Cypress Canyon Park Drive, San Diego, California 92131		

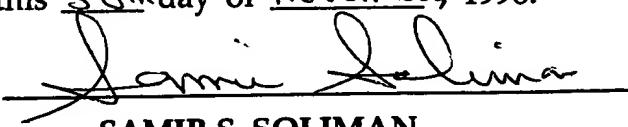
ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, **SAMIR S. SOLIMAN**, a citizen of the United States of America having a place of residence at 11412 Cypress Canyon Park Drive, San Diego, California, 92131; have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **MOBILE COMMUNICATION SYSTEM WITH POSITION DETECTION TO FACILITATE HARD HANDOFF** by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on November 6, 1998, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 30th day of November, 1998.

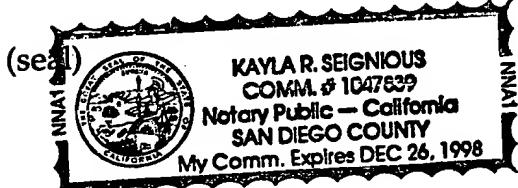

SAMIR S. SOLIMAN

STATE OF CALIFORNIA)
)
) ss.
COUNTY OF SAN DIEGO)

On November 30, 1998 before me, the undersigned, a Notary Public in and for said State, personally appeared SAMIR S. SOLIMAN personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Kayla R. Seignious

Notary Public





PA701
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 04, 1999

PTAS

QUALCOMM INCORPORATED
RUSSELL B. MILLER
6455 LUSK BOULEVARD
SAN DIEGO, CALIFORNIA 92121



100958959A

PA701
UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/01/1999

REEL/FRAME: 9738/0284
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
SOLIMAN, SAMIR S.

DOC DATE: 11/30/1998

ASSIGNEE:
QUALCOMM INCORPORATED, A DELAWARE
CORPORATION
6455 LUSK BOULEVARD
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09187939
PATENT NUMBER:

FILING DATE: 11/06/1998
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FEB 1 1999

RECORDATION FC
PATENT

02-08-1999



Docket No.: QCPA701

100958959

TO: The Commissioner of Patents and Trademarks: Please record the attached conveyance.

Submission Type

New
 Resubmission (Non-Recordation)
 Document ID No.
 Correction of PTO Error
 Reel No. Frame No.
 Corrective Document
 Reel No. Frame No.

2-1-99

Conveyance Type

Assignment
 Change of Name
 License
 Merger
 Security Agreement
 Other:

 Mark if additional names are attached

Conveying Party(ies)

NAME

1. Samir S. Soliman

2.

3.

4.

 Mark if additional names are attached

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

11/30/98

Receiving Party

Name: QUALCOMM Incorporated
 A Delaware Corporation

Address (Street number and name): 6455 Lusk Boulevard

Address (City, State, Zip Code): San Diego, California, 92121

Telephone Number: (619) 658-4833

Facsimile: (619) 658-2502

Correspondent Name and Address

Name: QUALCOMM Incorporated
 Attn: Russell B. Miller
 Address: 6455 Lusk Boulevard
 Address: San Diego, California 92121

Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: 2

Application Number(s) or Patent Number(s)

Patent Application Number(s):

1. 09/187,939, filed 11/6/98
 2.
 3.
 4.

Patent Number(s):

1.
 2.
 3.
 4.

Patent Cooperation Treaty (PCT)

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/
 2. PCT/

3. PCT/
 4. PCT/

Number of Properties (Enter the total number of properties involved)

Total number of properties: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment: Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Name: Bruce W. Greenhaus, Reg. No. 37,339 Signature:

Date: 1/29/99

02/04/1999 SBURNS 00000102 170026 09187939

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(TRANSASSIGN.VER1.0)